

**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: February 13, 2012

Prepared By: Natural Resource Technology, Inc. (NRT)
Timothy B. Norris, PG
Ronald J. Horan
John M. Nardozzi, PE

Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: January 29, 2012 through February 4, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the Crawford Station former MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Task	Environmental Activities
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none"> Area V was excavated to approximately eight feet below ground surface (bgs). Excavated soils were placed on the Amendment Area Pad for hauling to landfill the week of 2/6-12. NRT made photoionization detector (PID) and visual observations during the excavation. NRT conducted daily air monitoring activities including DustTraks, and PIDs. Additionally, no odor/dust issues were noted. The waste water treatment system was delivered. Setup of NRT trailer and monitoring equipment. Utilizing GPS to locate pertinent items and features.
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> Eight excavation wall samples (EW-001 through EW-008) and four excavation floor samples (EB-001 through EB-004) were collected from Area V and sent to Pace Laboratory for analysis. Parameters included TPH GRO, TPH DRO, PVOCs, site-specific PAHs, site-specific phenols, cyanide, and site-specific metals. DustTraks collected data each day starting January 31, 2012 and has been downloaded for analysis. Six SUMMA canisters were deployed and sent to STAT Laboratory for analysis for BTEX and Naphthalene.

Task	Environmental Activities
NRT Field Personnel:	Timothy B. Norris, PG and Ronald J. Horan
Equipment Deployed:	SUMMA Canisters DustTraks PID
Field Photos:	See attached sheets.

Work planned for the coming week, February 5, 2012 through February 11, 2012 is as follows:

- Excavate Areas O and P, and conduct appropriate excavation wall and floor soil sampling. Observe materials in Areas O and P. Soils samples will be analyzed for TPH DRO, TPH GRO, site-specific PAHs, PVOCS, site-specific metals, site-specific phenols, and cyanide.
- Continue air monitoring, including two days of 12-hour SUMMA can sampling. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation and air sampling from Pace Laboratory and STAT laboratory.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: A general view of the excavation of Area V.

Direction: Facing northeast

Photo Date: 2/7/2012

Photo Taken By: RJH



Photo 2: Dumping of material from Area V into the Amendment Area Stockpile Pad.

Direction: Facing Northeast

Photo Date: 1/31/2012

Photo Taken By: RJH



Photo 3: A general view of Area V.

Direction: Facing West

Photo Date: 2/1/2012

Photo Taken By: RJH

Field Photos (continued):



Photo 4: Area V final excavation limits.

Direction: Facing Northwest

Photo Date: 2/3/2012

Photo Taken By: RJH



Photo 5: A view of site preparation for the Thatcher-installed sheetwall on the western boundary of the RAA.

Direction: Facing Northeast

Photo Date: 2/3/2012

Photo Taken By: RJH



Photo 6: The South Fence air monitoring station.

Direction: Facing South

Photo Date: 2/3/2012

Photo Taken By: RJH



1431 Opus Place, Suite 400
Downers Grove, Illinois 60515

Week of: 1/29/12 to 2/4/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Project Manager

- Mike Swieca

Others

-

Subcontractors Onsite

- Tecnica Environmental Services
- North Shore Environmental
- Helm Electric
- Allied Measurement Systems

Others

- Natural Resource Technology (NRT)
- Waste Management (Steve Jiskra, Dave Weber)
- USEPA (Ross del Rosario)
- CH2MHill (Lauren Martin)

Integrays Peoples Gas Personnel Onsite

- Naren Prasad
- Brian Bartoszek
- Freddie Ramirez

Miscellaneous Visitors

- Thatcher Foundations

Site Activities

BURNS & MCDONNELL

- Coordinated site setup activities with Tecnica Environmental, North Shore Environmental, and Helm Electric;
- Gave an overview of site work plans with tour of work areas to Integrays;
- Conducted daily subcontractor pre-task analysis safety meetings on site;
- Hosted the USEPA initial site inspection and overview of work plan;
- Conducted the first weekly site construction meeting with supervisors of Subcontractors, NRT, Waste Management; and
- Monitored site conditions for traffic, dust, and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Finished haul road preparation;

- Installed crane mats at three locations: at “S” turn, in front of Guard House, and pipe crossing area haul road near excavation Areas X, Y, Z;
- Excavated Area V, stockpiling materials in the Amendment Area;
- Assisted NRT in sampling Area V;
- Assisted vacuum excavators as needed to supply water, backfill materials; and
- Assisted Helm Electric with conduit trenching and backfill.

NORTH SHORE ENVIRONMENTAL

- Continued to perform vacuum excavation to locate high pressure pipes and depths in work areas;
- Mobilized in component of water treatment system, established containment berms; and
- Vacuum excavated fence post holes over gas lines along the west side of the pressure reducing area.

HELM ELECTRIC

- Supplied generator for power source in water treatment area; and
- Installed conduit runs and pulled wire for water treatment system controls and instrumentation.

ALLIED MEASUREMENT SYSTEMS

- Installed truck scale remote display system; and
- Finished scale installation and calibration.

Changes to Scope of Work

- None.

Open/Outstanding Items

- Received verbal approval to proceed from OUC on Friday 2-3-2012, a written copy to follow.

Anticipated Activities for the Week of February 5, 2012

- Finish rest of site setup activities in the work areas;
- Backfill excavation Area V in order to finish setup in the staging area;
- Finish hydro-vacuum excavation locating of pipes in key areas on site, and edges of sewer;
- Install a 12-foot high fence along roadway by the pressure reducing area for dust control;
- Video inspection of large north-south sewer line in the work area; and
- Thatcher Foundations will begin to install sheeting along the west property line.



Crawford Station Site:

Remediation

Date: January 30, 2012

Description: View to east of finished decon pad in outbound lane of haul road.



Crawford Station Site:

Remediation

Date: January 31, 2012

Description: Installing crane mats over the 4 high pressure gas pipes in the "S" turn east of the asphalt training pad.



Crawford Station Site:

Remediation

Date: February 1, 2012

Description: View to south toward Guard House of area where crane mats are installed over two 42-inch HP gas pipes, covered and ramped with compacted CA-6.



Crawford Station Site:

Remediation

Date: February 1, 2012

Description: Area V excavation, looking to the northwest, is finished and sampled to 8 feet below ground surface (bgs).